

Embedded Intel® Chipsets Comparison Chart						
	Intel® 430TX PCIset	Intel® 430HX PCIset		Intel® 810 Chipset	Intel® 840 Chipset	Intel® 440BX AGPset
HOST						
Host Processor	Pentium® processor	Pentium processor	Host Processor	Pentium® III processor, Celeron™ processor	Pentium III processor	Pentium III processor, Pentium® II processor, Celeron processor
Voltage	3.3V (I/O)	3.3V (I/O)	Voltage	AGTL+	AGTL+	GTL+
Dual Processing Support	No	Yes	Dual Processing Support	No	Yes	No
DRAM						
Refresh	CAS-before-RAS	CAS-before-RAS	Refresh	CAS-before-RAS	RDRAM* Active Refresh	CAS-before-RAS
RAS Lines	6	8	Memory Supported	4	RDRAM: 32 devices per channel	8
64 Mbit Support	Yes	Yes	64 Mbit Support	Yes - 16/64/128 Mbit	Yes - 64/128/256 Mbit	Yes
Max Memory Size	256 MB	512 MB	Max Memory Size	512 MB	Up to 8 GB	1 GB
Memory Types	SDRAM/EDO/FPM	EDO/FPM	Memory Types	PC100 SDRAM	PC100 (SDRAM), PC600, PC800 (RDRAM)	SDRAM
SDRAM(CL=2)	6-1-1-1	N/A	Memory Interleave	N/A	Yes (w/ 4 repeaters)	No
EDO (66 MHz)	5-2-2-2	5-2-2-2	ECC/Parity	N/A	Yes	Yes
MA Buffers	Integrated	Integrated	PCI INTERFACE			
ECC/Parity	No	Yes	PCI Support	PCI 2.2	PCI 2.2	PCI 2.1
L2			Concurrent PCI	Yes	Yes	Yes
Cache Type	Pburst	Pburst	AGP INTERFACE			
Cacheability	64 MB	512 MB	AGP compliant	Yes	Yes	Yes
PCI INTERFACE			1x Support	Integrated Graphics	Yes	Yes
PCI Support	PCI 2.1	PCI 2.1	2x Support	Integrated Graphics	Yes	Yes
Concurrent PCI	Yes	Yes	4x Support	N/A	Yes	N/A
ARBITRATION			PIPE	Integrated Graphics	Yes	Yes
MTT	Yes	Yes	SBA	Integrated Graphics	Yes	Yes
SOUTH BRIDGE			SOUTH BRIDGE			
Type	PIIX4	PIIX3	Type	ICH	ICH	PIIX4E
USB Support	Yes	Yes	USB Support	Yes	Yes	Yes
IDE	Ultra DMA	BMIDE	IDE	Yes - ATA/66	Yes - ATA/66	Yes - ATA/33
RTC	Integrated	External	RTC	Yes	Yes	Yes
MANAGEABILITY			MANAGEABILITY			
Power Mgt.	ACPI	N/A	Power Mgt.	SMM & ACPI	SMM & ACPI	SMM & ACPI
I/O Mgt.	SM Bus/GPIO	N/A	I/O Mgt.	SMBus/GP10	SMBus/GP10	SMBus/GP10